

- 1 -

piece 1, NC_000913, potA_pepT+, config: linear, direction: +, begin: 1184788, end: 1185086

5' *1184790 * *1184800 * *1184810 * *1184820 * *1184830 * *1184840 * *1184850 * *1184860 *
- leu - phe - ile - gln - phe - thr - leu - ser - his - val - asn - ala - thr - asp - gly - leu - pro - met - arg - gly - leu - trp - leu - thr - thr - leu -
- cys - leu - phe - asn - phe - leu - leu - cys - pro - met - - - fMet - ala - tyr - arg - cys - gly - val - cys - gly - - -
- val - tyr - ser - ile - phe - tyr - ser - val - pro - cys - lys - arg - asn - gly - trp - leu - thr - asp - ala - gly - phe - val - val - asn - his - leu - gly -

...] NC_000913.potA ... sd

5' *1184870 * *1184880 * *1184890 * *1184900 * *1184910 * *1184920 * *1184930 * *1184940 *
- val - thr - leu - asn - glu - gly - asn - ser - thr - ala - asn - arg - leu - asn - arg - gln - ser - leu - leu -
- asp - ser - - - fMet - arg - ala - val - ile - leu - arg - gln - thr - ala - - -
... sd (10)-ir 1184879 Gap 2.7 bits
sd-ir 1184879 potA_pepT+ total 5.6 bits

ir potA_pepT+

[###] orf 11 codons

p35 3.7 bits

5' *1184950 * *1184960 * *1184970 * *1184980 * *1184990 * *1185000 * *1185010 * *1185020 * *1185030 *
- - - - - fMet - gln - gly - - - fMet - thr - - - fMet - leu -
- phe - ile - lys - val - met - leu - ile - asn - ile - pro - ala - cys - arg - gly - lys - ser - asp - leu - thr - gln - tvr - leu - ser - phe - leu - ala - ser -
... p10 6.5 bits
p35 5.2 bits
p10 3.4 bits
p35 5.3 bits

sd-ir 1184950 total 4.6 bits

p35-(25)-p10 1185010 Gap 4.0 bits

p35-p10 1185010 total 4.6 bits

... p35-(24)-p10 1185050 Gap

... p35-p10 1185050 total 4.2 bits

... p35-(26)-p10 1185011 Gap 3.7 bits

p35-p10 1185011 total 4.2 bits

... p35 5.6 bits

... p35-(21)-p10 1185037 Gap

... p35-p10 1185037 total 6.1 bits

... p35-(22)-p10 1185038 Gap

... p35-p10 1185038 total 4.1 bits

5' *1185040 * *1185050 * *1185060 * *1185070 * *1185080 *
- leu - asn - asn - val - val - thr - lys - ser - glu - gly - asp - tyr - met - asp - lys - leu - leu - glu -
- fMet - leu - ser - gln - lys - val - arg - val - thr - trp - ile - asn - tyr - leu - ser - - - fMet

...] NC_000913.pepT

5' *1185040 * *1185050 * *1185060 * *1185070 * *1185080 *
- leu - asn - asn - val - val - thr - lys - ser - glu - gly - asp - tyr - met - asp - lys - leu - leu - glu -
- fMet - leu - ser - gln - lys - val - arg - val - thr - trp - ile - asn - tyr - leu - ser - - - fMet

...] NC_000913.pepT

5' *1185040 * *1185050 * *1185060 * *1185070 * *1185080 *
- leu - asn - asn - val - val - thr - lys - ser - glu - gly - asp - tyr - met - asp - lys - leu - leu - glu -
- fMet - leu - ser - gln - lys - val - arg - val - thr - trp - ile - asn - tyr - leu - ser - - - fMet

...] NC_000913.pepT

5' *1185040 * *1185050 * *1185060 * *1185070 * *1185080 *
- leu - asn - asn - val - val - thr - lys - ser - glu - gly - asp - tyr - met - asp - lys - leu - leu - glu -
- fMet - leu - ser - gln - lys - val - arg - val - thr - trp - ile - asn - tyr - leu - ser - - - fMet

...] NC_000913.pepT

5' *1185040 * *1185050 * *1185060 * *1185070 * *1185080 *
- leu - asn - asn - val - val - thr - lys - ser - glu - gly - asp - tyr - met - asp - lys - leu - leu - glu -
- fMet - leu - ser - gln - lys - val - arg - val - thr - trp - ile - asn - tyr - leu - ser - - - fMet

...] NC_000913.pepT

... -----| p35-p10 1185038 total 4.1 bits